**IN THE CLAIMS:**

Claims 1-10 (Canceled)

11. (Original) A method of propagating a signal, comprising:

designating a period of time spanned by a pulse, said period of time divided into a group

of time slots, each of said time slots having a unique phase/time position; and

causing said pulse to encode a data element by said phase/time position.

12. (Original) The method as recited in Claim 11 wherein said data is ascertainable by

mapping.

13. (Original) The method as recited in Claim 11 wherein said time slots in said group

are adjacent.

14. (Original) The method as recited in Claim 11 wherein said time slots in said group

are not adjacent.

15. (Original) The method as recited in Claim 11 wherein said time slots have a non-

uniform spacing.

16. (Original) The method as recited in Claim 11 wherein more than one pulse is located

within said group of time slots.

17. (Original) The method as recited in Claim 11 wherein said group encodes data that is more than fifteen bits long.

18. (Original) The propagated signal as recited in Claim 11 wherein said element of data is selected from the group consisting of:

a header;

an error detection message;

a synchronization element; and

a data message.

19. (Original) The method as recited in Claim 11 further comprising designating a plurality of said groups.

20. (Original) The propagated signal as recited in Claim 18 wherein said groups have differing numbers of time slots.